

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13AE		Page 1 of 5
Title: Commodity Specific Requirements for Pears		
Revision: 1	Replaces: 07/01/02	Effective: 10/01/02

1. Purpose:

To provide a listing of PDP identified required compounds for pears.

2. Scope:

This standard operating procedure shall be followed by all laboratories analyzing pears for PDP. This SOP shall be used in conjunction with QC-13 which identifies commodity groupings for selected/single screens, validation purposes, and approved process controls.

3. Outline of Procedure:

- 5.1 Compounds Required for Pear Multi Residue Screens
- 5.2 Marker Pesticides for Pear Multi Residue Screens

4. References:

- PDP Program Plan July – December 2002
- SOP PDP-QC-13, “Required Compounds, Commodity Groups, and Marker Pesticides”
- Pesticide Chemical News Guide
- Federal/State Meeting, October 30 – November 1, 2001

5. Specific Procedures:

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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5.1 Compounds Required for Pear Multi Residue Screens

Pear Compound	Reported As	PestCode
Azinphos methyl		042
Captan		011
Carbaryl		102
Chlorpyrifos		160
Cyprodinil		B22
DDE	DDE o,p'	911
	And/or DDE p,p'	910
	Or DDE (total combined)	300
Diazinon		024
Diazinon O-analog		395
Dichlobenil		324
Dicofol	Dicofol o,p'	253
	And/or Dicofol p,p'	254
	Or Dicofol (total combined)	047
Dieldrin		028
Dimethoate		171
Diphenylamine		125
Endosulfan I		900
Endosulfan II		901
Endosulfan sulfate		902
Fenpropathrin		808
Fenvalerate/Esfenvalerate	Fenvalerate	546
	And Esfenvalerate	714
	Or Fenvalerate (total combined)	546
Fluridone		736
Heptachlor epoxide		143
Lindane		050
Malathion		052
Malathion O-analog		208
Methidathion		197
Methomyl		159

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Pear Compound	Reported As	PestCode
Methoxychlor	Methoxychlor p,p'	275
	Or Methoxychlor (total combined)	055
Napropamide		594
Norflurazon		596
Norflurazon desmethyl		720
Omethoate		178
o-Phenylphenol		083
Oxamyl		537
Oxydemeton methyl sulfone		245
Oxyfluorfen		713
Parathion		065
Parathion methyl		057
Parathion methyl O-analog		779
Parathion O-analog		370
Permethrin	Permethrin cis	222
	And Permethrin trans	223
	Or Permethrin (total combined)	539
Phosalone		166
Phosmet		165
Piperonyl butoxide		070
Pronamide		540
Pyriproxyfen		B24
Simazine		149
Terbacil		152
Tetradifon		108
Thiabendazole		157
Triadimefon		608

5.2 Marker Pesticides for Pear Multi Residue Screens

Azinphos methyl	Carbaryl	DDE p,p'
Diazinon	Dimethoate	Endosulfan I
Methomyl	Permethrin	Terbacil
Thiabendazole		

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09/17/02

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Revision 1

September 2002

Monitoring Programs Office

- Removed testing requirement for folpet (no tolerance)
- Added methyl parathion and oxygen analog to testing requirements
- Removed California testing requirements for clofentezine, hexythiazox, pyridaben, tebufenozide, and triflumizole (analytical difficulties in pear juice)